Author index

A

Ababou A, Davis WC, Lévy D, The DA6-147 monoclonal antibody raised against the HLA-DRa chain identifies a cryptic epitope on the BoLA-DRa chain, 402

Abiven P, Pommier P, Technique de lavage trachéo-bronchique par voie transnasale pour la détection de *Mycoplasma hyopneumoniae* chez le porc vivant non anesthésié, 515

Abourachid A — *See* Resch-Magras C *et al*, 5

Abusowa M — *See* Mustafa AA, Abusowa M, 422

Alvinerie M, Sutra JF, Galtier P, Ivermectin in goat plasma and milk after subcutaneous injection, 417

Ancelle T — *See* Soulé C *et al*, 21

Ansay M — *See* Urbain B *et al*, 503

Archambault D, Nadin-Davis S, Lutze-Wallace C, Bouillant AMP, Le virus de l'immunodéficience bovine : mise au point 1990-1992, 179

Autefage A — *See* Houpert P *et al*, 278

Ayanbadejo OA — *See* Baba SS *et al*, 483

B

Baba SS, Olaleye OD, Ayanbadejo OA, Haemagglutination-inhibiting antibodies against African horse sickness virus in domestic animals in Nigeria, 483

Barrett T — *See* Visser IKG *et al*, 169

Batra TR, Hidiroglou M, Effects of dietary vitamin E and fat on some serum enzymes in pigs, 272

Belli P — *See* Savey M *et al*, 213

Bernard S — *See* Cubero MJ *et al*, 47

Berrag B — *See* Rhalem A *et al*, 408

Bessay M — *See* Yvore P *et al*, 229 — *See* Yvore P *et al*, 286

Blanchard B — *See* Kobish M *et al*, 67

Bouillant AMP — *See* Archambault D *et al*, 179

Braun JP — *See* Lefebvre HP *et al*, 468

Bret L — *See* Lefebvre HP *et al*, 468

Brisson GJ — *See* Lessard M *et al*, 291

Broye E — *See* Guérin-Faublée V *et al*, 251

Buxeraud J — *See* Comby F *et al*, 316

Buzoni-Gatel D — *See* Layachi K *et al*, 55

C

Cabaret J — *See* Diez-Baños P *et al*, 266

Castaño M — *See* Rodriguez M *et al*, 189

Chauve CM, Reynaud MC, Gounel JM, *Isospora* sp from ducks. Infectivity for the goose, four anatids and the domestic fowl, 430

Chérel Y — *See* Resch-Magras C *et al*, 5

Cirio A — *See* Silva R *et al*, 89

Collobert C — *See* Soulé C *et al*, 21

Combrisson H — *See* Houpert P *et al*, 278

Comby F, Lagorce JF, Moulard T, Buxeraud J, Raby C, Sulfamides antibactériens, antiparasitaires et antifongiques dérivés de l'imidazole : évaluation des effets antithyroïdiens sur le rat, 316

Contreras A — *See* Cubero MJ *et al*, 47

Coudert M — *See* Savey M *et al*, 213

Crucière C — *See* Zientara S *et al*, 385

Cubero MJ, Bernard S, Leon L, Lantier I, Contreras A, Comparative study of different immunoserological techniques for the détection of antibodies against transmissible gastroenteritis (TGE) coronavirus, 47

D

Davis WC — *See* Ababou A *et al*, 402

Delannoy I, Lekeux P, Miossec P, Cytokine and anti-cytokine strategies in inflammatory reaction modulation, 449

Delvigne A — *See* Soulé C *et al*, 21

Deslauriers N — *See* Lessard M *et al*, 291

Diez-Baños P, Cabaret J, Morrondo-Pelayo P, Comparative survival of first-stage larvae of small lungworms *Muellerius capillaris* and *Neostrongylus linearis* of goats in alfalfa and ryegrass plots, 266

Dupouy-Camet J — *See* Soulé C *et al*, 21

E - F

Elazhary Y — *See* Fassi Fihri O *et al*, 488

Elliott GS — *See* Lessard M *et al*, 291

Faix S — *See* Szanyiová M *et al*, 305

Fassi Fihri O, Mohanty J, Elazhary Y, La sérum albumine bovine inhibe l'adsorption du virus respiratoire syncytial sur les cellules MDBK, 488

Flandrois JP — *See* Guérin-Faublée V *et al*, 251

Fontaine JJ — *See* Soulé C *et al*, 21

G

Galtier P — *See* Alvinerie M *et al*, 417

Garcia Belenguer S — *See* Osta R *et al*, 396
Gascon M — *See* Osta R *et al*, 396
Georges P — *See* Soulé C *et al*, 21
Gounel JM — *See* Chauve CM *et al*, 430
Gruner L, Suryahadi S, Irrigation, faecal water content and development rate of free-living stages of sheep trichostrongyles, 327
Guérin-Faublée V, Flandrois JP, Broye E, Tupin F, Richard Y, *Actinomyces pyogenes*: susceptibility of 103 clinical animal isolates to 22 antimicrobial agents, 251
Gustin P — *See* Urbain B *et al*, 503

H - I - J

Haas B — *See* Ohlinger VF *et al*, 103
Hidiroglou M, Ivan M, Liver biopsy in sheep, 260 — *See* Batra TR, Hidiroglou M, 272 — ***, Assessment of the oral administration of a high dose of retinol on vitamin E status of sheep, 477
Hidiroglou N, Laflamme LF, A dynamic evaluation of the bioavailability of the free and ester forms of vitamine E administered intramuscularly to beef cattle, 79
Hooghuis H — *See* Rodriguez M *et al*, 189
Houpert P, Combrisson H, Le Nain S, Autefage A, Toutain PL, Intra- *vs* intermuscular injections in swine, 278
Ivan M — *See* Hidiroglou M, Ivan M, 260
Jacquemin E — *See* Pohl P *et al*, 311

K - L

Kammerer M, Siliart B, Toxicité à moyen terme des nitrates : évaluation expérimentale des effets sur les fonctions de reproduction chez la lapine, 434
Kazanji M — *See* Rhalem A *et al*, 408
Kobish M, Blanchard B, Le Potier MF, *Mycoplasma hyopneumoniae* infection in pigs: duration of the disease and resistance to reinfection, 67
Laflamme LF — *See* Hidiroglou N, Laflamme LF, 79
Lagorce JF — *See* Comby F *et al*, 316
Lantier I — *See* Cubero MJ *et al*, 47
Laude H, Van Reeth K, Pensaert M, Porcine respiratory coronavirus: molecular features and virus-host interactions, 125
Laurent F — *See* Yvore P *et al*, 229 — *See* Rhalem A *et al*, 408
Laurentie M — *See* Renard L *et al*, 33
Layachi K, Rodolakis A, Buzoni-Gatel D, Identification by Western blots of virulence specific antigens of *Chlamydia psittaci* isolated from ewes, 55
Le Nain S — *See* Houpert P *et al*, 278
Le Potier MF — *See* Kobish M *et al*, 67
Lefebvre HP, Toutain PL, Bret L, Rico AG, Braun JP, Compared kinetics of plasma creatine kinase activity in rabbits after intravenous injection of different preparations of skeletal muscle, 468
Lekeux P — *See* Delannoy I *et al*, 449
Leng L — *See* Szanyiová M *et al*, 305
Leon L — *See* Cubero MJ *et al*, 47
Lessard M, Yang WC, Elliott GS, Deslauriers N, Brisson GJ, Van Vleet JF, Schultz RD, Suppressive effect of serum from pigs and dogs fed a diet deficient in vitamin E ans selenium on lymphocyte proliferation, 291
Lévy D — *See* Ababou A *et al*, 402 — *See* Martinon O, Lévy D, 151
Lintermans P — *See* Pohl P *et al*, 311
Lutze-Wallace C — *See* Archambault D *et al*, 179

M

Mainil J — *See* Pohl P *et al*, 311
Mancassola R — *See* Yvore P *et al*, 286
Martinon O, Lévy D, Le virus de l'immunodéficience féline, 151
Mellor PS, African horse sickness: transmission and epidemiology, 199
Michel O — *See* Urbain B *et al*, 503
Miossec P — *See* Delannoy I *et al*, 449
Mohanty J — *See* Fassi Fihri O *et al*, 488
Morrondo-Pelayo P — *See* Diez-Baños P *et al*, 266
Moulard T — *See* Comby F *et al*, 316
Moulay S — *See* Zientara S *et al*, 385
Moutou F, Epizootie virale chez le phoque veau marin (*Phoca vitulina*) en 1988. Aspects épidémiologiques, 159
Mustafa AA, Abusowa M, Field-oriented trial of the Chinese *Brucella suis* strain 2 vaccine on sheep and goats in Libya, 422

N - O

Naciri M — *See* Yvore P *et al*, 286
Nadin-Davis S — *See* Archambault D *et al*, 179
Nicks B — *See* Urbain B *et al*, 503
Ohlinger VF, Haas B, Thiel HJ, Rabbit hemorrhagic disease (RHD): characterization of the causative calicivirus, 103
Olaleye OD — *See* Baba SS *et al*, 483
Osta R, Zaragoza P, Rodellar C, Garcia Belenguer S, Gascon M, Purroy A, Relation entre marqueurs

génétiques et activités enzymatiques sériques chez les taureaux de combat, 396
Osterhaus ADME — *See* Visser IKG *et al*, 169
Oswald E — *See* Pohl P *et al*, 311

P - R

Pensaert M — *See* Laude H *et al*, 125
Perret C — *See* Soulé C *et al*, 21
Péry P — *See* Yvore P *et al*, 229 — *See* Rhalem A *et al*, 408
Plateau E — *See* Zientara S *et al*, 385
Pohl P, Oswald E, Van Muylem K, Jacquemin E, Lintermans P, Mainil J, *Escherichia coli* producing CNF1 and CNF2 cytotoxins in animals with different disorders, 311
Pommier P — *See* Abiven P, Pommier P, 515
Prouvost JF — *See* Urbain B *et al*, 503
Purroy A — *See* Osta R *et al*, 396
Raby C — *See* Comby F *et al*, 316
Renard L, Sanders P, Laurentie M, Modélisation de l'effet bactéricide de la spyramycine. Choix d'un modèle pharmacodynamique, 33
Resch-Magras C, Chérel Y, Wyers M, Abourachid A, Étude analytique de la locomotion du dindon de chair. Comparaison entre dindons sains et dindons atteints de troubles locomoteurs, 5
Reynaud MC — *See* Chauve CM *et al*, 430
Rhalem A, Sahibi H, Kazanji M, Laurent F, Berrag B, Péry P, *Eimeria tenella* et *Eimeria acervulina* : une stimulation antigénique *in vitro* des cellules provenant de poulets immuns induit le transfert adoptif de la protection contre les coccidioses aviaires, 408
Richard Y — *See* Guérin-Faublée V *et al*, 251
Rico AG — *See* Lefebvre HP *et al*, 468
Riond JL, Schreiber F, Wanner M, Influence of tiamulin concentration in feed on its bioavailability in piglets, 494
Rodellar C — *See* Osta R *et al*, 396
Rodolakis A — *See* Layachi K *et al*, 55
Rodriguez M — *See* Silva R *et al*, 89 — ***, Hooghuis H, Castaño M, Current status of the diagnosis and control of African horse sickness, 189

S

Sahibi H — *See* Rhalem A *et al*, 408
Sailleau C — *See* Zientara S *et al*, 385
Sanders P — *See* Renard L *et al*, 33
Savey M, Belli P, Coudert M, L'encéphalopathie spongiforme bovine en Europe. Présent et avenir, 213
Schreiber F — *See* Riond JL *et al*, 494
Schultz RD — *See* Lessard M *et al*, 291
Siliart B — *See* Kammerer M, Siliart B, 434
Silva R, Tebot I, Rodriguez M, Cirio A, Existence d'un réflexe antidiurétique pendant la prise alimentaire chez le mouton, 89
Soulé C, Dupouy-Camet J, Georges P, Fontaine JJ, Ancelle T, Delvigne A, Perret C, Collobert C, Variations biologiques et parasitaires chez des chevaux infestés et réinfestés par *Trichinella spiralis*, 21
Suryahadi S — *See* Gruner L, Suryahadi S, 327
Sutra JF — *See* Alvinerie M *et al*, 417
Szanyiová M, Leng L, Faix S, Effect of 2 inhibitors of oxidative phosphorylation on urea excretion in rats, 305

T

Tebot I — *See* Silva R *et al*, 89
Thiel HJ — *See* Ohlinger VF *et al*, 103
Toutain PL — *See* Houpert P *et al*, 278 — *See* Lefebvre HP *et al*, 468
Tupin F — *See* Guérin-Faublée V *et al*, 251

U - V - W - Y - Z

Urbain B, Gustin P, Prouvost JF, Ansay M, Michel O, Nicks B, Microclimat et composition de l'air dans une enceinte fermée destinée à l'étude de la toxicité des polluants atmosphériques chez le porcelet, 503
Van Bressem MF — *See* Visser IKG *et al*, 169
Van Muylem K — *See* Pohl P *et al*, 311
Van Reeth K — *See* Laude H *et al*, 125
Van Vleet JF — *See* Lessard M *et al*, 291
Visser IKG, Van Bressem MF, Barrett T, Osterhaus ADME, Morbillivirus infections in aquatic mammals, 169
Wanner M — *See* Riond JL *et al*, 494
Wensvoort G, Lelystad virus and the porcine epidemic abortion and respiratory syndrome, 117
Wyers M — *See* Resch-Magras C *et al*, 5
Yang WC — *See* Lessard M *et al*, 291
Yvore P, Pery P, Laurent F, Bessay M, Vaccins anticoccidiens. Bilans et perspectives, 229 — ***, Mancassola R, Naciri M, Bessay M, Serum coloration as a criterion of the severity of experimental coccidiosis in the chicken, 286
Zaragoza P — *See* Osta R *et al*, 396
Zientara S, Sailleau C, Moulay S, Plateau E, Crucière C, Diagnosis and molecular epidemiology of the African horsesickness virus by the polymerase chain reaction and restriction patterns, 385

Keyword index

A

Actinomyces pyogenes — *Actinomyces pyogenes*: susceptibility of 103 clinical animal isolates to 22 antimicrobial agents, 251

adoptive transfer — *Eimeria tenella* et *Eimeria acervulina* : une stimulation antigénique *in vitro* des cellules provenant de poulets immuns induit le transfert adoptif de la protection contre les coccidioses aviaires, 408

adsorption — La sérum albumine bovine inhibe l'adsorption du virus respiratoire syncytial sur les cellules MDBK, 488

African horse sickness — Current status of the diagnosis and control of African horse sickness, 189 — African horse sickness: transmission and epidemiology, 199

African horsesickness virus — Diagnosis and molecular epidemiology of the African horsesickness virus by the polymerase chain reaction and restriction patterns, 385

AHS virus — Haemagglutination-inhibiting antibodies against African horse sickness virus in domestic animals in Nigeria, 483

air pollution — Microclimat et composition de l'air dans une enceinte fermée destinée à l'étude de la toxicité des polluants atmosphériques chez le porcelet, 503

ammonia — Microclimat et composition de l'air dans une enceinte fermée destinée à l'étude de la toxicité des polluants atmosphériques chez le porcelet, 503

animal species — *Escherichia coli* producing CNF1 and CNF2 cytotoxins in animals with different disorders, 311

antibiotics — *Actinomyces pyogenes*: susceptibility of 103 clinical animal isolates to 22 antimicrobial agents, 251

antibody — Variations biologiques et parasitaires chez des chevaux infestés et réinfestés par *Trichinella spiralis*, 21 — Comparative study of different immunoserological techniques for the detection of antibodies against transmissible gastroenteritis (TGE) coronavirus, 47 — *Mycoplasma hyopneumoniae* infection in pigs: duration of the disease and resistance to reinfection, 67 — Haemagglutination-inhibiting antibodies against African horse sickness virus in domestic animals in Nigeria, 483

antigen — Identification by Western blots of virulence specific antigens of *Chlamydia psittaci* isolated from ewes, 55

antiinfectious — Sulfamides antibactériens, antiparasitaires et antifongiques dérivés de l'imidazole: évaluation des effets antithyroïdiens sur le rat, 316

antithyroid agents — Sulfamides antibactériens, antiparasitaires et antifongiques dérivés de l'imidazole: évaluation des effets antithyroïdiens sur le rat, 316

aquatic mammals — Morbillivirus infections in aquatic mammals, 169

arteriviridae — Lelystad virus and the porcine epidemic abortion and respiratory syndrome, 117

B

bioavailability — Influence of tiamulin concentration in feed on its bioavailability in piglets, 494

biochemical polymorphism — Relation entre marqueurs génétiques et activités enzymatiques sériques chez les taureaux de combat, 396

biokinetics — Assessment of the oral administration of a high dose of retinol on vitamin E status of sheep, 477

blood group — Relation entre marqueurs génétiques et activités enzymatiques sériques chez les taureaux de combat, 396

BoLA — The DA6-147 monoclonal antibody raised against the HLA-DRa chain identifies a cryptic epitope on the BoLA-DRa chain, 402

bovine serum albumin — La sérum albumine bovine inhibe l'adsorption du virus respiratoire syncytial sur les cellules MDBK, 488

bovine — Le virus de l'immunodéficience bovine : mise au point 1990-1992, 179 — The DA6-147 monoclonal antibody raised against the HLA-DRa chain identifies a cryptic epitope on the BoLA-DRa chain, 402

breeding — Sulfamides antibactériens, antiparasitaires et antifongiques dérivés de l'imidazole: évaluation des effets antithyroïdiens sur le rat, 316

***Brucella suis* S2** — Field-oriented trial of the Chinese *Brucella suis* strain 2 vaccine on sheep and goats in Libya, 422

BSE — L'encéphalopathie spongiforme bovine en Europe. Présent et avenir, 213

C

calicivirus — Rabbit hemorrhagic disease (RHD): characterization of the causative calicivirus, 103

carbonylcyanide-m-chlorophenylhydrazone — Effect of 2 inhibitors of oxidative phosphorylation on urea excretion in rats, 305

cat — Le virus de l'immunodéficience féline, 151

cattle — A dynamic evaluation of the bioavailability of the free and ester forms of vitamine E administered intramuscularly to beef cattle, 79

chicken — Serum coloration as a criterion of the severity of experimental coccidiosis in the chicken, 286

Chlamydia psittaci — Identification by Western blots of virulence specific antigens of *Chlamydia psittaci* isolated from ewes, 55

class II product — The DA6-147 monoclonal antibody raised against the HLA-DRa chain identifies a cryptic epitope on the BoLA-DRa chain, 402

CNF — *Escherichia coli* producing CNF1 and CNF2 cytotoxins in animals with different disorders, 311

coccidiosis — Vaccins anticoccidiens. Bilans et perspectives, 229 — Serum coloration as a criterion of the severity of experimental coccidiosis in the chicken, 286

coccidium — *Eimeria tenella* et *Eimeria acervulina* : une stimulation antigénique *in vitro* des cellules provenant de poulets immuns induit le transfert adoptif de la protection contre les coccidioses aviaires, 408 — *Isospora* sp from ducks. Infectivity for the goose, four anatids and the domestic fowl, 430

control — Current status of the diagnosis and control of African horse sickness, 189

coronavirus — Comparative study of different immunoserological techniques for the detection of antibodies against transmissible gastroenteritis (TGE) coronavirus, 47

creatine kinase — Compared kinetics of plasma creatine kinase activity in rabbits after intravenous injection of different preparations of skeletal muscle, 468

cross-protection — *Eimeria tenella* et *Eimeria acervulina* : une stimulation antigénique *in vitro* des cellules provenant de poulets immuns induit le transfert adoptif de la protection contre les coccidioses aviaires, 408

cytochrome c — La sérum albumine bovine inhibe l'adsorption du virus respiratoire syncytial sur les cellules MDBK, 488

cytokine — Cytokine and anti-cytokine strategies in inflammatory reaction modulation, 449

D

development — Irrigation, faecal water content and development rate of free-living stages of sheep trichostrongyles, 327

diagnosis — Rabbit hemorrhagic disease (RHD): characterization of the causative calicivirus, 103 — Porcine respiratory coronavirus: molecular features and virus-host interactions, 125 — Current status of the diagnosis and control of African horse sickness, 189 — Diagnosis and molecular epidemiology of the African horsesickness virus by the polymerase chain reaction and restriction patterns, 385

dietary oversupply — Assessment of the oral administration of a high dose of retinol on vitamin E status of sheep, 477

disorder — *Escherichia coli* producing CNF1 and CNF2 cytotoxins in animals with different disorders, 311

DNA probe — *Escherichia coli* producing CNF1 and CNF2 cytotoxins in animals with different disorders, 311 — Technique de lavage trachéobronchique par voie transnasale pour la detection de *Mycoplasma hyopneumoniae* chez le porc vivant non anesthésié, 515

dolphins — Morbillivirus infections in aquatic mammals, 169

domestic animal — Haemagglutination-inhibiting antibodies against African horse sickness virus in domestic animals in Nigeria, 483

duck — *Isospora* sp from ducks. Infectivity for the goose, four anatids and the domestic fowl, 430

dust — Microclimat et composition de l'air dans une enceinte fermée destinée à l'étude de la toxicité des polluants atmosphériques chez le porcelet, 503

E

eating — Existence d'un réflexe antidiurétique pendant la prise alimentaire chez le mouton, 89

endotoxin — Microclimat et composition de l'air dans une enceinte fermée destinée à l'étude de la toxicité des polluants atmosphériques chez le porcelet, 503

environmental chamber — Microclimat et composition de l'air dans une enceinte fermée destinée à l'étude de la toxicité des polluants atmosphériques chez le porcelet, 503

enzyme — Effects of dietary vitamin E and fat on some serum enzymes in pigs, 272

enzymo-immuno assay (EIA) — Comparative study of different immunoserological techniques for the detection of antibodies against transmissible gastroenteritis (TGE) coronavirus, 47

epidemiology — Rabbit hemorrhagic disease (RHD): characterization of the causative calicivirus, 103 — African horse sickness: transmission and epidemiology, 199 — L'encéphalopathie spongiforme bovine en Europe. Présent et avenir, 213

epizootic — Epizootie virale chez le phoque veau marin (*Phoca vitulina*) en 1988. Aspects épidémiologiques, 159

epizootiology — Porcine respiratory coronavirus: molecular features and virus-host interactions, 125

etiology — Rabbit hemorrhagic disease (RHD): characterization of the causative calicivirus, 103

F - G

fat — Effects of dietary vitamin E and fat on some serum enzymes in pigs, 272

fibre optics — Liver biopsy in sheep, 260

field trial — Field-oriented trial of the Chinese *Brucella suis* strain 2 vaccine on sheep and goats in Libya, 422

fighting bull — Relation entre marqueurs génétiques et activités enzymatiques sériques chez les taureaux de combat, 396

first-stage larvae — Comparative survival of first-stage larvae of small lungworms *Muellerius capillaris* and *Neostrongylus linearis* of goats in alfalfa and ryegrass plots, 266

FIV — Le virus de l'immunodéficience féline, 151

glomerular filtration — Existence d'un réflexe antidiurétique pendant la prise alimentaire chez le mouton, 89

goat — Ivermectin in goat plasma and milk after subcutaneous injection, 417

goose — *Isospora* sp from ducks. Infectivity for the goose, four anatids and the domestic fowl, 430

H - I

horse — Variations biologiques et parasitaires chez des chevaux infestés et réinfestés par *Trichinella spiralis*, 21

IL-1 — Cytokine and anti-cytokine strategies in inflammatory reaction modulation, 449

immune cell — *Eimeria tenella* et *Eimeria acervulina* : une stimulation antigénique *in vitro* des cellules provenant de poulets immuns induit le transfert adoptif de la protection contre les coccidioses aviaires, 408

immune response — Suppressive effect of serum from pigs and dogs fed a diet deficient in vitamin E and selenium on lymphocyte proliferation, 291

immunity — Porcine respiratory coronavirus: molecular features and virus-host interactions, 125

***in vitro* stimulation** — *Eimeria tenella* et *Eimeria acervulina* : une stimulation antigénique *in vitro* des cellules provenant de poulets immuns induit le transfert adoptif de la protection contre les coccidioses aviaires, 408

inflammation — Cytokine and anti-cytokine strategies in inflammatory reaction modulation, 449

intermuscular injection d — Intra- *vs* intermuscular injections in swine, 278

intramuscular injection — A dynamic evaluation of the bioavailability of the free and ester forms of vitamine E administered intramuscularly to beef cattle, 79 — Intra- *vs* intermuscular injections in swine, 278

irrigation — Irrigation, faecal water content and development rate of free-living stages of sheep trichostrongyles, 327

Isospora sp — *Isospora* sp from ducks. Infectivity for the goose, four anatids and the domestic fowl, 430

ivermectin — Ivermectin in goat plasma and milk after subcutaneous injection, 417

K - L

kidney — Effect of 2 inhibitors of oxidative phosphorylation on urea excretion in rats, 305

kinetics — Compared kinetics of plasma creatine kinase activity in rabbits after intravenous injection of different preparations of skeletal muscle, 468

lameness — Étude analytique de la locomotion du dindon de chair. Comparaison entre dindons sains et dindons atteints de troubles locomoteurs, 5

larvae — Irrigation, faecal water content and development rate of free-living stages of sheep trichostrongyles, 327

lentivirus — Le virus de l'immunodéficience féline, 151 — Le virus de l'immunodéficience bovine : mise au point 1990-1992, 179

liver biopsy — Liver biopsy in sheep, 260

locomotion — Étude analytique de la locomotion du dindon de chair. Comparaison entre dindons sains et dindons atteints de troubles locomoteurs, 5

lymphocyte — Suppressive effect of serum from pigs and dogs fed a diet deficient in vitamin E and selenium on lymphocyte proliferation, 291

M

MHC — The DA6-147 monoclonal antibody raised against the HLA-DRa chain identifies a cryptic epitope on thé BoLA-DRa chain, 402

milk — Ivermectin in goat plasma and milk after subcutaneous injection, 417
minimal inhibitory concentrations (MIC) — *Actinomyces pyogenes*: susceptibility of 103 clinical animal isolates to 22 antimicrobial agents, 251
modelling — Modélisation de l'effet bactéricide de la spyramycine. Choix d'un modèle pharmacodynamique, 33
molecular characterization — Porcine respiratory coronavirus: molecular features and virus-host interactions, 125
morbillivirus — Epizootie virale chez le phoque veau marin (*Phoca vitulina*) en 1988. Aspects épidémiologiques, 159 — Morbillivirus infections in aquatic mammals, 169
Muellerius — Comparative survival of first-stage larvae of small lungworms *Muellerius capillaris* and *Neostrongylus linearis* of goats in alfalfa and ryegrass plots, 266
muscle damage — Compared kinetics of plasma creatine kinase activity in rabbits after intravenous injection of different preparations of skeletal muscle, 468
muscular enzyme — Relation entre marqueurs génétiques et activités enzymatiques sériques chez les taureaux de combat, 396
Mycoplasma hyopneumoniae — *Mycoplasma hyopneumoniae* infection in pigs: duration of the disease and resistance to reinfection, 67 — Technique de lavage trachéobronchique par voie transnasale pour la detection de *Mycoplasma hyopneumoniae* chez le porc vivant non anesthésié, 515

N

Neostrongylus — Comparative survival of first-stage larvae of small lungworms *Muellerius capillaris* and *Neostrongylus linearis* of goats in alfalfa and ryegrass plots, 266
Nigeria — Haemagglutination-inhibiting antibodies against African horse sickness virus in domestic animals in Nigeria, 483
nitrate — Toxicité à moyen terme des nitrates : évaluation expérimentale des effets sur les fonctions de reproduction chez la lapine, 434
nutrition — Influence of tiamulin concentration in feed on its bioavailability in piglets, 494

O - P

ovalbumin — La sérum albumine bovine inhibe l'adsorption du virus respiratoire syncytial sur les cellules MDBK, 488
ovine abortion — Identification by Western blots of virulence specific antigens of *Chlamydia psittaci* isolated from ewes, 55
parasitology — Vaccins anticoccidiens. Bilans et perspectives, 229
pathogenesis — Porcine respiratory coronavirus: molecular features and virus-host interactions, 125
PEARS — Lelystad virus and the porcine epidemic abortion and respiratory syndrome, 117
pharmacodynamics — Modélisation de l'effet bactéricide de la spyramycine. Choix d'un modèle pharmacodynamique, 33
pharmacokinetics — Influence of tiamulin concentration in feed on its bioavailability in piglets, 494
phloretin — Effect of 2 inhibitors of oxidative phosphorylation on urea excretion in rats, 305
Phoca vitulina — Epizootie virale chez le phoque veau marin (*Phoca vitulina*) en 1988. Aspects épidémiologiques, 159
pig — Lelystad virus and the porcine epidemic abortion and respiratory syndrome, 117 — Effects of dietary vitamin E and fat on some serum enzymes in pigs, 272 — Intra- *vs* intermuscular injections in swine, 278 — Influence of tiamulin concentration in feed on its bioavailability in piglets, 494
piglet — Microclimat et composition de l'air dans une enceinte fermée destinée à l'étude de la toxicité des polluants atmosphériques chez le porcelet, 503
plasma — Ivermectin in goat plasma and milk after subcutaneous injection, 417
pneumonia — *Mycoplasma hyopneumoniae* infection in pigs: duration of the disease and resistance to reinfection, 67
pollution — Epizootie virale chez le phoque veau marin (*Phoca vitulina*) en 1988. Aspects épidémiologiques, 159
polymerase chain reaction — Diagnosis and molecular epidemiology of the African horsesickness virus by the polymerase chain reaction and restriction patterns, 385
porcine respiratory coronavirus — Porcine respiratory coronavirus: molecular features and virus-host interactions, 125
progesterone — Toxicité à moyen terme des nitrates : évaluation expérimentale des effets sur les fonctions de reproduction chez la lapine, 434
PRRS — Lelystad virus and the porcine epidemic abortion and respiratory syndrome, 117

R

rabbit hemorrhagic disease — Rabbit hemorrhagic disease (RHD): characterization of the causative calicivirus, 103

rabbit — Toxicité à moyen terme des nitrates : évaluation expérimentale des effets sur les fonctions de reproduction chez la lapine, 434 — Compared kinetics of plasma creatine kinase activity in rabbits after intravenous injection of different preparations of skeletal muscle, 468
rat — Sulfamides antibactériens, antiparasitaires et antifongiques dérivés de l'imidazole: évaluation des effets antithyroïdiens sur le rat, 316
reinfection — *Mycoplasma hyopneumoniae* infection in pigs: duration of the disease and resistance to reinfection, 67
reproduction — Toxicité à moyen terme des nitrates : évaluation expérimentale des effets sur les fonctions de reproduction chez la lapine, 434
resistance — *Mycoplasma hyopneumoniae* infection in pigs: duration of the disease and resistance to reinfection, 67
respiratory syncytial virus — La sérum albumine bovine inhibe l'adsorption du virus respiratoire syncytial sur les cellules MDBK, 488
retrovirus — Le virus de l'immunodéficience bovine : mise au point 1990-1992, 179
reverse transcription — Diagnosis and molecular epidemiology of the African horsesickness virus by the polymerase chain reaction and restriction patterns, 385
safety — L'encéphalopathie spongiforme bovine en Europe. Présent et avenir, 213
seals — Morbillivirus infections in aquatic mammals, 169
selenium — Suppressive effect of serum from pigs and dogs fed a diet deficient in vitamin E and selenium on lymphocyte proliferation, 291
seroneutralization — Comparative study of different immunoserological techniques for the detection of antibodies against transmissible gastroenteritis (TGE) coronavirus, 47
serum coloration — Serum coloration as a criterion of the severity of experimental coccidiosis in the chicken, 286
sheep — Existence d'un réflexe antidiurétique pendant la prise alimentaire chez le mouton, 89 — Liver biopsy in sheep, 260 — Irrigation, faecal water content and development rate of free-living stages of sheep trichostrongyles, 327 — Assessment of the oral administration of a high dose of retinol on vitamin E status of sheep, 477
spiramycine — Modélisation de l'effet bactéricide de la spyramycine. Choix d'un modèle pharmacodynamique, 33
survival — Comparative survival of first-stage larvae of small lungworms *Muellerius capillaris* and *Neostrongylus linearis* of goats in alfalfa and ryegrass plots, 266
swine — Technique de lavage trachéobronchique par voie transnasale pour la détection de *Mycoplasma hyopneumoniae* chez le porc vivant non anesthésié, 515

T

telescope — Liver biopsy in sheep, 260
tiamulin — Influence of tiamulin concentration in feed on its bioavailability in piglets, 494
TNF — Cytokine and anti-cytokine strategies in inflammatory reaction modulation, 449
tracheobronchial lavage — Technique de lavage trachéobronchique par voie transnasale pour la détection de *Mycoplasma hyopneumoniae* chez le porc vivant non anesthésié, 515
transmissible gastroenteritis (TGE) — Comparative study of different immunoserological techniques for the detection of antibodies against transmissible gastroenteritis (TGE) coronavirus, 47
transmissible gastroenteritis virus variant — Porcine respiratory coronavirus: molecular features and virus-host interactions, 125
transmission — African horse sickness: transmission and epidemiology, 199
Trichinella spiralis — Variations biologiques et parasitaires chez des chevaux infestés et réinfestés par *Trichinella spiralis*, 21
Trichostrongyle — Irrigation, faecal water content and development rate of free-living stages of sheep trichostrongyles, 327
turkey — Étude analytique de la locomotion du dindon de chair. Comparaison entre dindons sains et dindons atteints de troubles locomoteurs, 5
urea — Effect of 2 inhibitors of oxidative phosphorylation on urea excretion in rats, 305
urine flow — Existence d'un réflexe antidiurétique pendant la prise alimentaire chez le mouton, 89

V - W

vaccine — Vaccins anticoccidiens. Bilans et perspectives, 229 — Field-oriented trial of the Chinese *Brucella suis* strain 2 vaccine on sheep and goats in Libya, 422
vegetation — Comparative survival of first-stage larvae of small lungworms *Muellerius capillaris* and *Neostrongylus linearis* of goats in alfalfa and ryegrass plots, 266
virulence — Identification by Western blots of virulence specific antigens of *Chlamydia psittaci* isolated from ewes, 55

vitamin A — Assessment of the oral administration of a high dose of retinol on vitamin E status of sheep, 477

vitamin E — A dynamic evaluation of the bioavailability of the free and ester forms of vitamine E administered intramuscularly to beef cattle, 79 — Effects of dietary vitamin E and fat on some serum enzymes in pigs, 272 — Suppressive effect of serum from pigs and dogs fed a diet deficient in vitamin E and selenium on lymphocyte proliferation, 291 — Assessment of the oral administration of a high dose of retinol on vitamin E status of sheep, 477

water — Toxicité à moyen terme des nitrates : évaluation expérimentale des effets sur les fonctions de reproduction chez la lapine, 434

weight — Sulfamides antibactériens, antiparasitaires et antifongiques dérivés de l'imidazole: évaluation des effets antithyroïdiens sur le rat, 316